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## INTERNATIONAL SEARCH REPORT

ttenal Application No

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C01B3/32 C01B3/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C01B H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, PAJ, API Data, COMPENDEX, INSPEC

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considered to be of particular relevance  *E* earlier document but published on or after the international filting date	invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to				
<ul> <li>"L" document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but</li> </ul>	involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu- ments, such combination being obvious to a person skilled in the art.				
Date of the actual completion of the international search	*8* document member of the same patent family  Date of mailing of the International search report				
7 June 2002	21/06/2002				
Name and mailing address of the ISA	Authorized officer				
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Harf-Bapin, E				

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